

October 12, 1953

Dear Bruce:

Yours of the 9th just received. This is better than domestic mail service

!!

What is a "letter card"?-- is it this sort of "AIR LETTER"?

I hope you will not be carried away in speculation on Larry's High Efficiency of Transduction. The facts are not all settled, but of course they would point to a reduplication of the whole Lp-Gal segment as part of the phage. I think this may be a different mechanism from transduction in Salmonella. Lambda grown by the direct kysis of sensitive bacteria appears to have little (if any at all!) transducing activity, whereas lytic and lwoffate phage from Salmonella are essentially equivalent. To put it a little differently, the inclusion of chromosome fragments in Salmonella phages is accidental; in the K-12/lambda system it is not. But please do not quote any of this until we are sure of our ground!

I have entered a requisition to the amount of \$ 21/-/- (\$58.80) plus cartage for our share of the reprints. I have also noted "Ship per instructions from Dr. Stocker" so I hope there will be no confusion.

The story on filtrability of lysates was very fuzzy. FLT22/ LT2 would be as good a system as any. You will recall that the filtrates had granules that would swell enormously after a few hours contact with anti-O serum. I would not commit myself on the presence of viable "cells".

Sincerely,

Joshua Lederberg